

COLUMBIA RIVER CHANNEL IMPROVEMENTS - DREDGING

DREDGE OREGON		Contract Number: W9127N-06-C-ORSL					
Project Name/Location:							
Columbia River Channel Improvement, Oregon Slough RM 0 to 1							
2/3/2006							
Dredge	Sample Point	Depth (ft)	Time	X-Coordinate	Y-Coordinate	Turbidity (NTU)	DO (Mg/L)
OREGON	DRP-1 (21)	20.2	7:24:42	7627684.7	727300.5	7.0	Not Required
	DRP-2 (22)	20.0	7:32:37	NA	NA	6.9	12.5
Tidal Stage	DSPP-1 (11)	20.1	7:39:45	7625764.5	730751.8	6.7	Not Required
Ebb	DSPP-2 (12)	20.2	7:43:34	7625579.9	731058.9	6.6	12.6
Weather: Overcast, rain Wind: Light Seas: Calm Disposal location In-water (Kelly Point)							
All coordinates are Oregon State Plane North 3601; Datum: NAD 83				Sample point numbers in parenthesis correspond with YSI logged data.			
Remarks:				Action Taken:			
No exceedances. (1) YSI logged invalid data. Position was established using calibrated radar range ring and visual aids.				None required. (1) Checked/dried connections.			
Sample Point Key	All Tests Conducted With YSI 6600					Turbidity Compliance	DO Compliance
DRP-1	at least 100 ft up current of cutterhead					NA	Not Required
DRP-2	100 ft down current of the cutterhead					Yes (OR)	Yes (OR)
DSPP-1	at least 100 ft up current of end scow (background)					NA	Not Required
DSPP-2	100 ft down current of the end scow					Yes (OR)	Yes (OR)
Rx	Indicates a re-test where (x) is the re-test number for that particular point						

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Dredge OREGON	Sample Point	Depth (ft)	Time	X-Coordinate	Y-Coordinate	Turbidity (NTU)	DO (Mg/L)
Tidal Stage Ebb	DRP-1 (21)	20.1	9:24:50	7627674.7	727293.9	6.8	Not Required
	DRP-2 (22)	20.1	9:31:02	7627422.3	727693.0	6.8	12.5
	DSPP-1 (11)	20.1	9:39:15	7625721.6	730894.9	6.6	Not Required
	DSPP-2 (12)	19.9	9:42:19	7625657.0	731099.8	6.5	12.7
Weather: Overcast Wind: Light Seas: Calm Disposal location In-water (Kelly Point)							
All coordinates are Oregon State Plane North 3601; Datum: NAD 83 Sample point numbers in parenthesis correspond with YSI logged data.							
Remarks:				Action Taken:			
No exceedances.				None required.			
Sample Point Key	All Tests Conducted With YSI 6600					Turbidity Compliance	DO Compliance
DRP-1	at least 100 ft up current of cutterhead					NA	Not Required
DRP-2	100 ft down current of the cutterhead					Yes (OR)	Yes (OR)
DSPP-1	at least 100 ft up current of end scow (background)					NA	Not Required
DSPP-2	100 ft down current of the end scow					Yes (OR)	Yes (OR)
Rx	Indicates a re-test where (x) is the re-test number for that particular point						

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<u>Dredge</u>	Sample Point	Depth (ft)	Time	X-Coordinate	Y-Coordinate	Turbidity (NTU)	DO (Mg/L)
OREGON	DRP-1 (21)	20.2	11:24:21	7627691.7	727341.9	7.0	Not Required
	DRP-2 (22)	20.2	11:28:12	7627411.7	727735.3	7.0	12.7
<u>Tidal Stage</u>	DSPP-1 (11)	20.2	11:34:09	7625718.6	730860.3	6.5	Not Required
Ebb	DSPP-2 (12)	20.4	11:36:40	7625595.5	731058.5	6.5	12.9
<u>Weather:</u> Overcast, rain <u>Wind:</u> Light <u>Seas:</u> Calm <u>Disposal location</u> In-water (Kelly Point)							
All coordinates are Oregon State Plane North 3601; Datum: NAD 83				Sample point numbers in parenthesis correspond with YSI logged data.			
Remarks:				Action Taken:			
No exceedances.				None required.			
Sample Point Key	All Tests Conducted With YSI 6600					Turbidity Compliance	DO Compliance
DRP-1	at least 100 ft up current of cutterhead					NA	Not Required
DRP-2	100 ft down current of the cutterhead					Yes (OR)	Yes (OR)
DSPP-1	at least 100 ft up current of end scow (background)					NA	Not Required
DSPP-2	100 ft down current of the end scow					Yes (OR)	Yes (OR)
Rx	Indicates a re-test where (x) is the re-test number for that particular point						

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Dredge OREGON	Sample Point	Depth (ft)	Time	X-Coordinate	Y-Coordinate	Turbidity (NTU)	DO (Mg/L)
Tidal Stage Ebb	DRP-1 (21)	20.0	13:23:15	7627642.7	727401.6	7.0	Not Required
	DRP-2 (22)	20.0	13:32:02	7627345.6	727742.6	7.0	12.6
	DSPP-1 (11)	20.3	13:37:07	7625639.1	730879.3	6.7	Not Required
	DSPP-2 (12)	20.3	13:39:45	7625588.8	731104.7	6.5	12.7
Weather: Overcast, rain Wind: 5-10 kts Seas: Light chop Disposal location In-water (Kelly Point)							
All coordinates are Oregon State Plane North 3601; Datum: NAD 83 Sample point numbers in parenthesis correspond with YSI logged data.							
Remarks: No exceedances.				Action Taken: None required.			
Sample Point Key	All Tests Conducted With YSI 6600					Turbidity Compliance	DO Compliance
DRP-1	at least 100 ft up current of cutterhead					NA	Not Required
DRP-2	100 ft down current of the cutterhead					Yes (OR)	Yes (OR)
DSPP-1	at least 100 ft up current of end scow (background)					NA	Not Required
DSPP-2	100 ft down current of the end scow					Yes (OR)	Yes (OR)
Rx	Indicates a re-test where (x) is the re-test number for that particular point						

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Tidal Stage Ebb	DRP-1 (21)	20.2	15:22:18	7627606.2	727422.4	7.2	Not Required
	DRP-2 (22)	20.2	15:26:43	7627362.2	727777.1	7.2	12.6
	DSPP-1 (11)	20.0	15:31:12	7625651.4	730899.7	6.5	Not Required
	DSPP-2 (12)	20.1	15:32:58	7625567.0	731094.0	6.7	12.7
Weather: Overcast, rain Wind: 5-10 kts Seas: 0-1 ft Disposal location In-water (Kelly Point)							
All coordinates are Oregon State Plane North 3601; Datum: NAD 83 Sample point numbers in parenthesis correspond with YSI logged data.							
Remarks:				Action Taken:			
No exceedances.				None required.			
Sample Point Key	All Tests Conducted With YSI 6600					Turbidity Compliance	DO Compliance
DRP-1	at least 100 ft up current of cutterhead					NA	Not Required
DRP-2	100 ft down current of the cutterhead					Yes (OR)	Yes (OR)
DSPP-1	at least 100 ft up current of end scow (background)					NA	Not Required
DSPP-2	100 ft down current of the end scow					Yes (OR)	Yes (OR)
Rx	Indicates a re-test where (x) is the re-test number for that particular point						